XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

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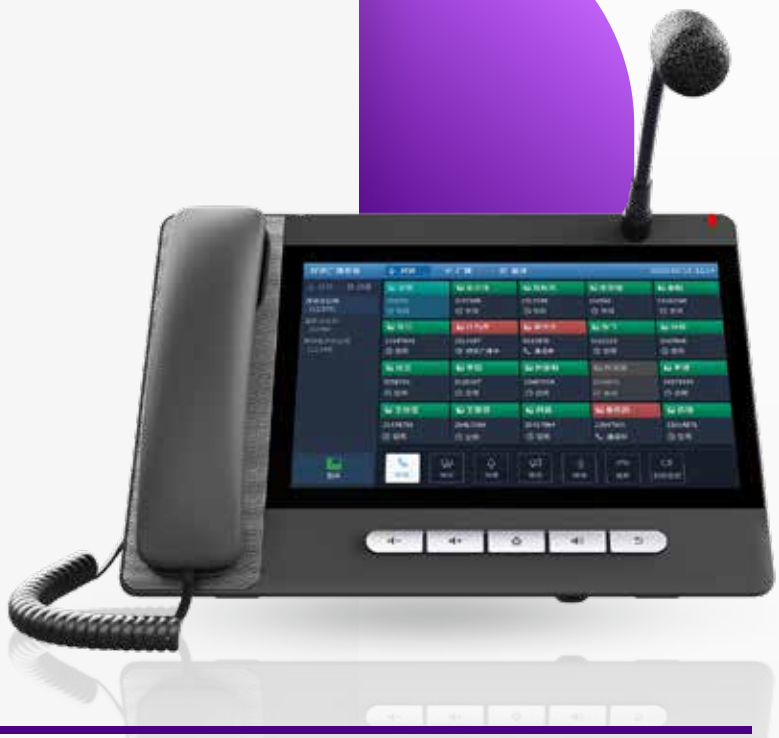
Android

Touch Screen Console IP Phone

A32i



HD · HAC · PoE · EHS · 1000M · Opus
USB · 20line · WiFi · Bluetooth · Android · IPv6

A32i is a visualization paging console phone for industry customer. It is equipped with a gooseneck microphone and supports HD hands-free calling. With Android 9.0 OS, A32i provides a more intelligent and smoother touch operation experience for the users. 10.1-inch color touch screen, supported 3rd party apps, built-in Wi-Fi and Bluetooth, allows daily communication smarter and simpler. It is compatible with the standard SIP protocol and can be used as a monitoring center or host for office manager with functions such as make calls for external & internal phones, two-way intercom, monitoring, and broadcasting. The A32i improves the management efficiency and emergency response capabilities.

Highlights

- 20 SIP lines, 3-way conference, hotspot
- Support an external Fanvil USB camera (optional).
- 112 one-touch DSS keys on 10.1” capacity color touch screen
- HD audio on speaker and handset
- Built-in Bluetooth 5.0 and 2.4G/5G Wi-Fi
- Video Codec H.264 support for receiving video calls.
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 40 and 50 degrees
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

Specification

Generic
20 SIP Lines
HD Voice
Support receiving video call
PoE Enabled
10.1-inch (1280x800) color touch screen
Headset / Hands-free / Headset mode
Intelligent DSS Keys(Virtual buttons)
Optional External Power Supply

Operation System
Android 9.0 OS with higher security and better compatibility
Built-in Applications: Files, Calendar, Gallery, Browser, Email, Calculator, Notepad, Sound recorder, Clock, Video, Music
Support 3rd Party Applications
Secondary Development of API

Phone Features
Local Phonebook (2000 entries)
Remote Phonebook (XML/LDAP, 2000 entries)
Intelligent Search for Contacts and Call Log
Call logs (In/out/missed, 1000 entries)
Black/White List Call Filter
Screen saver
Voice Message Waiting Indication (VMWI)
Programmable DSS/Soft keys
Network Time Synchronization
Built-in Bluetooth 5.0: Support Bluetooth headset/ Bluetooth of Mobile Device
Built-in Wi-Fi: 2.4GHz, 802.11 b/g/n; 5GHz, 802.11 a/n/ac
Support Recording
Action URL / Active URI
UaCSTA
Audio/Video Recording
SIP Hotspot
Group Broadcasting
Action Plan
Group listening

Call Features

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (On server)
- 3-way Audio Conference
- Hot Line
- Hot desking
- BLF

Video & Audio

- Video decoding: H.264 /H.265(Optional)
- Video call resolution: CIF/VGA/4CIF/720P/1080P
- Image format: JPEG/PNG/BMP
- Video format: MP4
- Bandwidth selection: 64kbps~4Mbps
- Frame rate selection: 5~30fps
- Video from remote site can be displayed in full screen
- 3-way Video call with External Camera CM60
- Optional CM60 USB Camera: 2 Mega Pixel; Plug and Play; Flexible Placement and Angle Adjustment
- Video preview
- HD Voice Microphone/Speaker (Handset/Hands-free, 0 ~ 7KHz Frequency Response)
- HAC handset
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.729AB, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

Network

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode:IPv4
- IP Configuration: Static / DHCP
- Network Access Control: 802.1x
- VPN: OpenVPN (Requires third-party app support)
- VLAN
- LLDP
- CDP
- QoS

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN

SNTP

FTP/TFTP

HTTP/HTTPS

TR-069

Deployment & Maintenance

Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66 /SIP PNP/TR-069

Web management portal

Supports the third party communication APP

Supports Web, Telnet

Supports encrypted configuration files download with AES

Supports Web upgrade

Supports factory reset data

Physical Specifications

Color: Dark gray

LCD x1: 10.1- inch (1280x800) color touch screen

Physical keys x5: Volume -/Volume +/Home/Hands-free/Return

HD Handset (RJ9) x1

Standard RJ9 Handset Wire x1

1.5M CAT5 Ethernet Cable x1

Gooseneck Microphone x1: Directional microphone; Frequency response: 20Hz~20KHz; SNR: ≥60 dB.1kHz at 1 Pa

Back Rack x1

RJ9 Port x2: Handset x1, Headset x1

RJ45 Port x2: Network x1, PC x1 (Bridged to Network)

USB2.0 Port x1: Standard A, Connect with Flash Driver

Safety keyhole x1

Power: 5V/2A or PoE

Power Consumption (PoE): 2W ~ 9.77W

Power Consumption (Adapter): 1.2W ~ 7.75W

Working Temperature: 0~45°C

Working Humidity: 10~95%

Installation: Desktop Stand

Device Dimensions: Desktop Stand (Angles 1): 309 x 214 x 187mm
Desktop Stand (Angles 2): 309 x 226 x 167mm

Gift Box Dimensions: 323 x 301 x 71mm

Outer CTN Dimensions: 624 x 383 x 348mm (10 PCS)